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ABSTRACT

Drawing on recent research and best practice case studies--as well as on the author's 30 years of experience in using technology for teaching--this book provides a wide range of strategies for managing change to ensure the successful use of technology in higher education. The book suggests strategies for winning faculty support for teaching with technology and provides advice on appropriate decision making and reporting structures. Other topics covered include reward systems, estimating costs of teaching by technology, and copyright issues. The book also details the essential procedures for funding new technology-based systems, managing the technology, and monitoring its ongoing educational effectiveness in anticipation of future changes. Throughout, the book maintains a focus on the human factors that must be addressed, identifying the risks and penalties of technologically based teaching and showing how to manage those hazards. The "Executive Summary" precedes the chapters: (1) "Confronting the Technology Challenge in Universities and Colleges"; (2) "Leadership, Vision, and Planning in a Post-Fordist Organization"; (3) "Planning and Managing Courses and Programs"; (4) "Technology Infrastructure and Student Access"; (5) "Supporting Faculty"; (6) "Calculating the Costs of Teaching with Technology"; (7) "Funding Strategies, Collaboration, and Competition"; (8) "Organizing for the Management of Educational Technologies"; (9) "Research and Evaluation"; and (10) "Avoiding the Faustian Contract and Meeting the Technology Challenge." (Contains references and an index.) (AEF)

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